

NWRC Annual Publication List 2009

09-1 ALLAN, B. F., B. LANGERHANS, W. A. RYBERG, W. J. LANDESMAN, N. W. GRIFFIN, R. S. KATZ, B. J. OBERLE, M. R. SCHUTZENHOFER, K. N. SMYTH, A. DE ST.MAURICE, L. CLARK, K. R. CROOKS, D. E. HERNANDEZ, R. G. MCLEAN, R. S. OSTFELD, AND J. M. CHASE. 2009. Ecological correlates of risk and incidence of West Nile virus in the United States. *Oecologia* 158:699-708.

09-2 ATWOOD, T. C., T. J. DELIBERTO, H. J. SMITH, J. S. STEVENSON, AND K. C. VERCAUTEREN. 2009. Spatial ecology of raccoons related to cattle and bovine tuberculosis in northeastern Michigan. *Journal of Wildlife Management* 73:647-654.

09-3 ATWOOD, T. C., E. M. GESE, AND K. E. KUNKEL. 2009. Spatial partitioning of predation risk in a multiple predator-multiple prey system. *Journal of Wildlife Management* 73:876-884.

09-4 AVERY, M. L., E. A. TILLMAN, AND K. L. KRYSKO. 2009. *Gopherus polyphemus* (Gopher tortoise), *Ctenosaura similis* (Gray's spiny-tailed iguana). Predation. *Herpetological Review* 40:435.

09-5 BARRELL, G. K., S. C. T. SCHAAFSMA, M. J. RIDGWAY, M. WELLBY, AND L. A. MILLER. 2009. Effects of a synthetic gonadotropin releasing hormone agonist, leuprolide, on rut-associated events in male deer. *Animal Production Science* 49:1120-1124.

09-6 BARUCH-MORDO, S., S. W. BRECK, K. R. WILSON, AND J. BRODERICK. 2009. A tool box half full: how social science can help solve human-wildlife conflict. *Human Dimensions of Wildlife* 14:219-223.

09-7 BEARD, K. H., E. A. PRICE, AND W. C. PITT. 2009. Biology and impacts of Pacific Island invasive species: *Eleutherodactylus coqui*, the coqui frog (Anura: Leptodactylidae). *Pacific Science* 63:297-316.

09-8 BENDER, S. C., D. L. BERGMAN, K. M. WENNING, L. A. MILLER, D. SLATE, F. R. JACKSON, AND C. E. RUPPRECHT. 2009. No adverse effects of simultaneous vaccination with the immuno-contraceptive GonaCon™ and a commercial rabies vaccine on rabies virus neutralizing antibody production in dogs. *Vaccine* 27:7210-7213.

09-9 BERGMAN, D. L., S. W. BRECK, AND S. C. BENDER. 2009. Dogs gone wild: feral dog damage in the United States. *Proceedings of the Wildlife Damage Management Conference* 13:177-183.

09-10 BLACKWELL, B. F., AND T. L. DEVault. 2009. Richard A. Dolbeer: scientist, innovator, manager, and mentor. *Human-Wildlife Conflicts* 3:296-297.

09-11 BLACKWELL, B. F., T. L. DEVault, AND E. FERNANDEZ-JURICIC. 2009. Wildlife collisions with aircraft: a missing component of land-use planning for airports. *Landscape and Urban Planning* 93:1-9.

09-12 BLACKWELL, B. F., E. FERNANDEZ-JURICIC, T. W. SEAMANS, AND T. DOLAN. 2009. Avian visual system configuration and behavioural response to object approach. *Animal Behaviour* 77:673-684.

09-13 BLACKWELL, B. F., AND T. W. SEAMANS. 2009. Enhancing the perceived threat of vehicle approach to deer. *Journal of Wildlife Management* 73:128-135.

09-14 BRECK, S. W., N. LANCE, AND V. SEHER. 2009. Selective foraging for anthropogenic resources by black bears: minivans in Yosemite National Park. *Journal of Mammalogy* 90:1041-1044.

09-15 BRUGGERS, R. L. 2009. Setting research priorities at Wildlife Services' National Wildlife Research Center. *Human-Wildlife Conflicts* 3:161-164.

- 09-16 BYRD, R. W., J. L. CUMMINGS, S. K. TUPPER, AND J. D. EISEMANN. 2009. Evaluation of sodium lauryl sulfate as a blackbird wetting agent. Proceedings of the Wildlife Damage Management Conference 13:191-196.
- 09-17 CAMPBELL, T. A. 2009. Las enfermedades del venado cola blanca en Norteamérica: situación actual y desafíos (White-tailed deer diseases in North America: current situation and challenges). Memorias: Seminar Internacional Sobre Venado Cola Blanca 11:1-11.
- 09-18 CAMPBELL, T. A., AND D. B. LONG. 2009. Feral swine damage and damage management in forested ecosystems. Forest Ecology and Management 257:2319-2326.
- 09-19 CAMPBELL, T. A., AND D. B. LONG. 2009. Strawberry-flavored baits for pharmaceutical delivery to feral swine. Journal of Wildlife Management 73:615-619.
- 09-20 CARLSON, D. A., AND E. M. GESE. 2009. Influence of exogenous gonadotropin-releasing hormone on seasonal reproductive behavior of the coyote (*Canis latrans*). Theriogenology 72:773-783.
- 09-21 CARRILLO, C. D., D. L. BERGMAN, J. TAYLOR, D. NOLTE, P. VIEHOEVER, AND M. DISNEY. 2009. An overview of historical beaver management in Arizona. Proceedings of the Wildlife Damage Management Conference 13:216-224.
- 09-22 CAVALCANTI, S. M., AND E. M. GESE. 2009. Spatial ecology and social interactions of jaguars (*Panthera onca*) in the southern Pantanal, Brazil. Journal of Mammalogy 90:935-945.
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- 09-24 DARROW, P. A., R. T. SKIRPSTUNAS, S. W. CARLSON, AND J. A. SHIVIK. 2009. Comparison of injuries to coyote from 3 types of cable foot restraints. Journal of Wildlife Management 73:1441-1444.
- 09-25 DELIBERTO, T. J., S. R. SWAFFORD, D. L. NOLTE, K. PEDERSEN, M. W. LUTMAN, B. B. SCHMIT, J. A. BAROCH, D. J. KOHLER, AND A. FRANKLIN. 2009. Surveillance for highly pathogenic avian influenza in wild birds in the USA. Integrative Zoology 4:426-439.
- 09-26 DELUTES III, J. J., AND R. M. ENGEMAN. 2009. *Chelydra serpentina serpentina* (common snapping turtle). Nesting behavior and site selection. Herpetological Review 40:73-74.
- 09-27 DEVAULT, T. L., J. E. KUBEL, O. E. RHODES, JR., AND R. A. DOLBEER. 2009. Habitat and bird communities at small airports in the midwestern USA. Proceedings of the Wildlife Damage Management Conference 13:137-145.
- 09-28 DEYOUNG, R. W., A. ZAMORANO, B. T. MESENBRINK, T. A. CAMPBELL, B. R. LELAND, G. M. MOORE, R. L. HONEYCUTT, AND J. J. ROOT. 2009. Landscape-genetic analysis of population structure in the Texas gray fox oral rabies vaccination zone. Journal of Wildlife Management 73:1292-1299.
- 09-29 DOFFITT, C. M., L. M. POTE, AND D. T. KING. 2009. Experimental *Bolphorus damnificus* (Digenea: Bolbophoridae) infections in piscivorous birds. Journal of Wildlife Diseases 45:684-691.
- 09-30 DUNBAR, M. R., S. R. JOHNSON, J. C. RHYAN, AND M. MCCOLLUM. 2009. Use of infrared thermography to detect thermographic changes in mule deer (*Odocoileus hemionus*) experimentally infected with foot-and-mouth disease. Journal of Zoo and Wildlife Medicine 40:296-301.
- 09-31 DUSEK, R. J., R. G. MCLEAN, L. D. KRAMER, S. R. UBICO, A. P. DUPUIS II, G. D. EBEL, AND S. C. GUPTILL. 2009. Prevalence of West Nile virus in migratory birds during spring and fall migration. American Journal of Tropical Medicine and Hygiene 81:1151-1158.
- 09-32 ENGEMAN, R. M., A. BARD, H. T. SMITH, AND N. P. GRONINGER. 2009. Relating ten years of northern raccoon road-kill data to their attraction to sea turtle nests. Herpetological Conservation and Biology 4:340-344.
- 09-33 ENGEMAN, R. M., B. U. CONSTANTIN, M. L. CHRISTIE, AND P. T. HALL. 2009. *Ctenosaura similis* (black spiny-tailed iguana), *Gopherus polyphemus* (gopher tortoise). Concurrent burrow use. Herpetological Review 40:84.
- 09-34 ENGEMAN, R. M., B. U. CONSTANTIN, K. S. GRUVER, AND C. ROSSI. 2009. Managing predators to protect endangered species and promote their successful reproduction. Pages 171-187 in A. Columbus and L. Kuznetsov, editors. Endangered species: new research. Nova Science Publishers, Hauppauge, New York.

- 09-35 ENGEMAN, R., B. U. CONSTANTIN, S. HARDIN, H. SMITH, AND W. E. MESHAKA, JR. 2009. "Species pollution" in Florida: a cross-section of invasive vertebrate issues and management responses. Pages 179-197 in C. P. Wilcox and R. B. Turpin, editors. *Invasive species: detection, impact, and control*. Nova Science Publishers, Hauppauge, New York.
- 09-36 ENGEMAN, R. M., M. KENNEDY, B. U. CONSTANTIN, M. L. CHRISTIE, AND P. T. HALL. 2009. *Ctenosaura similis* (black spiny-tailed iguana), *Coluber constrictor priapus* (southern black racer). Non-predatory killing. *Herpetological Review* 40:84-85.
- 09-37 EVANGELISTA, P., R. ENGEMAN, AND L. TALLENTS. 2009. Testing a passive tracking index for monitoring the endangered Ethiopian wolf. *Integrative Zoology* 4:172-178.
- 09-38 FIELD, K. L., A. A. BACHMANOV, J. A. MENNELLA, G. K. BEAUCHAMP, AND B. A. KIMBALL. 2009. Protein hydrolysates are avoided by herbivores but not by omnivores in two-choice preference tests. *PLoS ONE*: Jan 2009. (www.plosone.org)
- 09-39 FIKE, J. A., T. L. DEVAULT, AND O. E. RHODES. 2009. Identification of 24 polymorphic microsatellite markers for the double-crested cormorant (*Phalacrocorax auritus*). *Molecular Ecology Resources* 9:1183-1185.
- 09-40 FROST, C. J., S. E. HYGNSTROM, A. J. TYRE, K. M. ESKRIDGE, D. M. BAASCH, J. R. BONER, G. M. CLEMENTS, J. M. GILSDORF, T. C. KINSELL, AND K. C. VERCAUTEREN. 2009. Probabilistic movement model with emigration simulates movements of deer in Nebraska, 1990-2006. *Ecological Modelling* 220:2481-2490.
- 09-41 FRY, T. L., T. E. BARANOWSKI, B. D. HUGHEY, AND M. R. DUNBAR. 2009. A field-test of rhodamine B as a biomarker in raccoons. *Proceedings of the Wildlife Damage Management Conference* 13:115-120.
- 09-42 GALLE, A., M. COLLINGE, AND R. ENGEMAN. 2009. Trends in summer coyote and wolf predation on sheep in Idaho during a period of wolf recovery. *Proceedings of the Wildlife Damage Management Conference* 13:184-190.
- 09-43 GALLE, A. M., G. M. LINZ, H. J. HOMAN, AND W. J. BLEIER. 2009. Avian use of harvested crop fields in North Dakota during spring migration. *Western North American Naturalist* 69:491-500.
- 09-44 GAUKLER, S. M., G. M. LINZ, J. S. SHERWOOD, N. W. DYER, W. J. BLEIER, Y. M. WANNEMUEHLER, L. K. NOLAN, AND C. M. LOGUE. 2009. *Escherichia coli*, *Salmonella*, and *Mycobacterium avium* subsp. *paratuberculosis* in wild European starlings at a Kansas feedlot. *Avian Diseases* 53:544-551.
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- 09-46 GIONFRIDDO, J. P., J. D. EISEMANN, K. J. SULLIVAN, R. S. HEALEY, L. A. MILLER, K. A. FAGERSTONE, R. M. ENGEMAN, AND C. A. YODER. 2009. Field test of a single-injection gonadotrophin-releasing hormone immunocontraceptive vaccine in female white-tailed deer. *Wildlife Research* 36:177-184.
- 09-47 GLISTA, D. J., T. L. DEVAULT, AND J. A. DEWOODY. 2009. A review of mitigation measures for reducing wildlife mortality on roadways. *Landscape and Urban Planning* 91:1-7.
- 09-48 GONZALEZ-V, E. A., D. G. HEWITT, J. A. ORTEGA-SANTOS, R. W. DEYOUNG, T. A. CAMPBELL, AND F. C. BRYANT. 2009. Rangelands use and management at the border area of northeast Mexico and south Texas. Pages (n.p.) in VI Simposio Internacional de Pastizales. Universidad Autónoma de Nuevo León, Instituto Tecnológico de Estudios Superiores de Monterrey.
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- 09-51 JOHNSON, S. R., M. R. DUNBAR, L. MARTINEZ, R. L. JONES, R. BOWEN, AND P. GORDY. 2009. Experimental inoculation of coyotes with *Mycobacterium bovis*: susceptibility and shedding. Pages 94-97 in *Proceedings: One Hundred and Twelfth Annual Meeting of the United States Animal Health Association*. USAHA, St. Joseph, Missouri.

- 09-52 JOHNSON, S. R., A. J. PIAGGIO, M. A. NEUBAUM, AND M. R. DUNBAR. 2009. Using genetics to assess differentiation among raccoons in an area with variable rabies status in Alabama. Proceedings of the Wildlife Damage Management Conference 13:40-48.
- 09-53 JOJOLA, S. M., G. W. WITMER, AND P. W. BURKE. 2009. Evaluation of attractants to improve trapping success of nutria on Louisiana coastal marsh. Journal of Wildlife Management 73:1414-1419.
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- 09-55 KILLIAN, G., T. J. KREEGER, J. RHYAN, K. FAGERSTONE, AND L. MILLER. 2009. Observations on the use of Gonacon™ in captive female elk (*Cervus elaphus*). Journal of Wildlife Diseases 45:184-188.
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- 09-60 LUPOLD, S., G. M. LINZ, AND T. R. BIRKHEAD. 2009. Sperm design and variation in the New World blackbirds (Icteridae). Behavioral Ecology and Sociobiology 63:899-909.
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- 09-62 MILLER, B. F., T. A. CAMPBELL, B. R. LASETER, W. M. FORD, AND K. V. MILLER. 2009. White-tailed deer herbivory and timber harvesting rates: implications for regeneration success. Forest Ecology and Management 258:1067-1072.
- 09-63 MILLER, L. A., K. A. FAGERSTONE, D. C. WAGNER, AND G. J. KILLIAN. 2009. Factors contributing to the success of a single-shot, multiyear PZP immunocontraceptive vaccine for white-tailed deer. Human-Wildlife Conflicts 3:103-115.
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- 09-73 PILON, J. L., P. B. NASH, T. ARVER, D. HOGLUND, AND K. C. VERCAUTEREN. 2009. Feasibility of infectious prion digestion using mild conditions and commercial subtilisin. Journal of Virological Methods 161:168-172.
- 09-74 RANGLACK, D. H., K. D. SIGNOR, K. BUNNELL, AND J. SHIVIK. 2009. Black bear activity and visitation patterns at human food resources in Utah. Proceedings of the Wildlife Damage Management Conference 13:172-176.
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- 09-79 SEAMANS, T. W., S. E. CLEMONS, AND A. L. GOSSER. 2009. Observations of neck-collared Canada geese near John F. Kennedy International Airport, New York. Human-Wildlife Conflicts 3:22-250.
- 09-80 SHIVIK, J. A., G. L. PALMER, E. M. GESE, AND B. OSTHAUS. 2009. Captive coyotes compared to their counterparts in the wild: does environmental enrichment help? Journal of Applied Animal Welfare Science 12:223-225.
- 09-81 SHWIFF, S. A., R. T. STERNER, R. HALE, M. T. JAY, B. SUN, AND D. SLATE. 2009. Benefit cost scenarios of potential oral rabies vaccination for skunks in California. Journal of Wildlife Diseases 45:227-233.
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- 09-84 STERNER, R. T. 2009. The economics of threatened species conservation: a review and analysis. Pages 213-235 in J. B. Aronoff, editor. Handbook of nature conservation. Nova Science Publishers, Hauppauge, New York.
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